

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028730**Date Inspected:** 09-Nov-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** See below.**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

**Welder Wai Kit Lai #2953:**

Welder was observed performing exterior and interior weld repairs on weld 2W PP13.5 W2-DAH on Ultrasonic Testing (UTSW) and Visual Testing rejects noted by QC Inspectors. Welder was observed utilizing Welding Procedure Specification (WPS) ABF-WPS-D15-1004 Repair for Shielded Metal Arc Welding (SMAW). Welding parameters as verified by QC Inspector Bernard Docena appear to be in compliance with the WPS noted above. (Weld is Non SPCM, no RWR required for R1 and R2 repairs.)

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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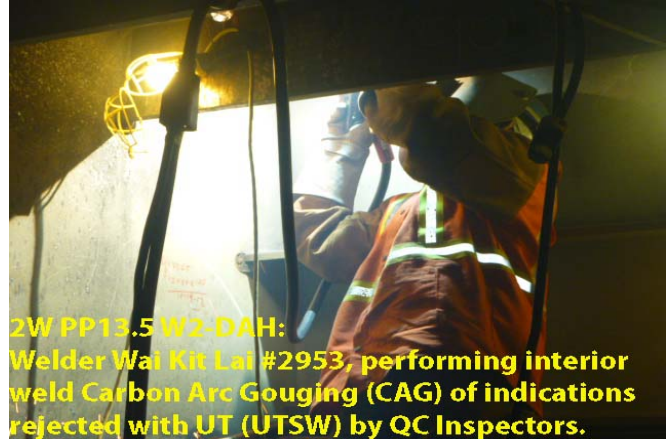
## WELDING INSPECTION REPORT

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**2W PP13.5 W2-DAH:**  
Welder Wai Kit Lai #2953, performing exterior weld repairs on indications rejected with UT (UTSW) by QC Inspectors.



**2W PP13.5 W2-DAH:**  
Welder Wai Kit Lai #2953, performing interior weld Carbon Arc Gouging (CAG) of indications rejected with UT (UTSW) by QC Inspectors.

### Summary of Conversations:

Conversations as required per scope of work.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas - (916) 764 - 6027, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Belford,Fritz	Quality Assurance Inspector
<b>Reviewed By:</b>	Reyes,Danny	QA Reviewer

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